

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2003/0076301 A1**
Tsuk et al. (43) **Pub. Date: Apr. 24, 2003**(54) **METHOD AND APPARATUS FOR
ACCELERATED SCROLLING****Publication Classification**(75) Inventors: **Robert W. Tsuk**, Cupertino, CA (US);
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BERKELEY, CA 94704-0778 (US)(57) **ABSTRACT**(73) Assignee: **Apple Computer, Inc.**(21) Appl. No.: **10/256,716**(22) Filed: **Sep. 26, 2002****Related U.S. Application Data**(60) Provisional application No. 60/346,237, filed on Oct.
22, 2001. Provisional application No. 60/387,692,
filed on Jun. 10, 2002. Provisional application No.
60/359,551, filed on Feb. 25, 2002.

Improved approaches for users to with graphical user interfaces of computing devices are disclosed. A rotational user action supplied by a user via a user input device can provide accelerated scrolling. The accelerated nature of the scrolling enables users to scroll or traverse a lengthy data set (e.g., list of items) faster and with greater ease. The amount of acceleration provided can be performed in successive stages, and/or performed based on the speed of the rotational user action. In one embodiment, the rotational user action is transformed into linear action with respect to a graphical user interface. The resulting acceleration effect causes the linear action to be enhanced such that a lengthy data set is able to be rapidly traversed.

